

Appl. No. 09/876,916
Amdt. Dated March 21, 2005
Reply to Office action of December 21, 2004
Attorney Docket No. P14299-US2
EUS/J/P/05-3075

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-27. (Canceled)

28. (New) In a packet data network using Session Initiation Protocol (SIP), a method of updating a user's service profile information in an associated Call Instance (CI) host, wherein the user is registered in a visited domain, the method comprising the steps of:

utilizing a SIP REGISTER message generated by the user's home subscriber service (HSS), via an associated profile database (PDB), to perform a registration request with an interrogating gateway (IGW) node associated with the user's home domain;

determining a node in the network having knowledge that the user's profile information has been updated;

bypassing a proxy associated with the visited domain; and

retrieving the user's profile information update from the determined node.

29. (New) The method of claim 28, wherein the determined node is a Call Instance (CI) host associated with the HSS and the CI host.

30. (New) The method of claim 29, the CI host provides the user's service profile information by

sending a HTTP message to the profile database (PDB) within the HSS in response to the REGISTER message and

receiving in response to the HTTP message, the user's service profile information in a response message from the PDB.

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31. (New) The method of claim 30, wherein the response message is in one of:

an eXtensible Markup Language (XML) Document Type Definition (DTD) service-oriented profile, an XML DTD trigger-oriented profile, and an executable code format.

32. (New) The method of claim 31, wherein the HTTP message includes one of a HTTP GET command or a HTTP HEAD command.

33. (New) The method of claim 28, wherein the node in the network with the user's profile information update is one of an operation and maintenance system node and an interactive voice response (IVR) node.

34. (New) The method of claim 28, further comprising the step of the HSS sending an SIP message to the IGW, the message including a Service-Transfer-Location header indicating in which domain a service is to be executed and a Contact header indicating the call instance host.

35. (New) In a packet data network using Session Initiation Protocol (SIP), a system for updating a user's service profile information, wherein the user is registered in a visited domain, the system comprising:

a home subscriber service (HSS) for generating a SIP REGISTER message, via an associated profile database (PDB) to perform a registration request;

an interrogating gateway (IGW) node associated with the user's home domain for receiving the REGISTER message;

means for determining a node in the network having knowledge that the user's profile information has been updated;

means for bypassing a proxy associated with the visited domain; and

means for retrieving the user's profile information update from the determined node.

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36. (New) The system of claim 35, wherein the determined node is a Call Instance (CI) host associated with the HSS wherein the CI host provides the user's service profile information by sending a HTTP message to the PDB within the HSS and receiving the user's service profile information in a response message from the PDB.

37. (New) The system of claim 36, wherein the PDB is adapted to send the response message one of:

an XML DTD service-oriented profile, an XML DTD trigger-oriented profile, and an executable code format.

38. (New) The system of claim 36, wherein the HTTP message includes one of a HTTP GET command or a HTTP HEAD command.

39. (New) The system of claim 36, wherein the node in the network with the user's profile information update is one of an operation and maintenance system and an interactive voice response (IVR).

40. (New) The system of claim 35, wherein the HSS is adapted to send a SIP message to the IGW, the message including a Service-Transfer-Location header indicating in which domain a service is to be executed and a Contact header indicating the call instance host.